Title (en)
SYSTEM AND METHOD FOR POLISHING AIRFOILS

Title (de)
VORRICHTUNG UND VERFAHREN ZUM POLIEREN VON SCHAUFELN

Title (fr)
SYSTÈME ET PROCÉDÉ PERMETTANT DE POLIR DES PALES À PROFIL AÉRODYNAMIQUE

Publication
EP 3062962 A4 20170719 (EN)

Application
EP 14859180 A 20141015

Priority
• US 201361897157 P 20131029
• US 2014060719 W 20141015

Abstract (en)
[origin: WO2015065713A1] An upper shield and a lower shield may be coupled to a rotor for polishing airfoils of the rotor in a vibratory bowl. The upper shield and the lower shield may include spars. The spars may correspond to leading edges and trailing edges of the airfoils. A media including abrasive particles may be flowed through the rotor in the vibratory bowl. The spars may protect the leading edges and trailing edges of the airfoils from excessive material removal by the abrasive particles.

IPC 8 full level
B24B 31/06 (2006.01); **B24B 19/14** (2006.01); **B24B 31/12** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)
B24B 19/14 (2013.01 - EP US); **B24B 31/06** (2013.01 - US); **B24B 31/064** (2013.01 - EP US); **B24B 31/12** (2013.01 - EP US); **B24C 1/083** (2013.01 - EP US); **F01D 5/286** (2013.01 - EP US); F05D 2230/90 (2013.01 - EP US)

Citation (search report)
• [XY] US 3482423 A 19691209 - MURRAY ROBERT R, et al
• [X] JP 2004017196 A 20040122 - ISHIKAWAJIMA HARIMA HEAVY IND
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015065713 A1 20150507; EP 3062962 A1 20160907; EP 3062962 A4 20170719; EP 3062962 B1 20211215; US 2016167197 A1 20160616; US 9757841 B2 20170912

DOCDB simple family (application)
US 2014060719 W 20141015; EP 14859180 A 20141015; US 201615048622 A 20160219